Check Point CCSA / CCSE Course Content

No	Modules	Topics
1	Introduction	Check Point FW Introduction
2		Check Point Firewall Architecture
3		Check Point FW Deployment Model
4		Check Point FW Hardware
5	Check Point Security Licensing	Check Point FW Licenses
6	Check Point Security Solutions	Check Point FW Network Design
7		Check Point FW SMS Installation
8		Check Point FW GW Installation
9	Managing User Access	Check Point FW Local Users
10	Check Point Security Administration	Check Point FW Display Format
11		Check Point FW Interface Configuration
12		Check Point FW Static Route
13		Check Point FW OSPF
14		Check Point FW Backup
15		Check Point FW Download the Smart Console
16		Check Point FW Publishing Database Changes
17		Check Point FW Creating SMS Users
18		Check Point FW Adding the GW to SMS
19		Producing Check Point reports
21	Security Policy Management	Check Point FW Cleanup and MGMT Rules
22		Check Point FW OSPF Rules
24		Check Point FW LAN to DMZ Rules
25		Check Point FW LAN to Internet Rules
26		Check Point FW PAT or Hide NAT
27		Check Point Identity Awareness
28		Check Point FW Automatic Static NAT
29		Check Point FW Manual Static NAT with port Forwarding
30		Check Point FW Application Filtering

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No	Modules	Topics
31		Check Point FW URL Filtering
32		Check Point FW Threat prevention
33		Check Point FW SSL Inspection
31	Basic Concepts of VPN	Check Point FW Site to Site VPN with Cisco Router
32		Check Point FW to Check Point DC Firewall Site to Site VPN
33	System Managment	Check Point FW Command Line TCPDUMP and FWMonitor
34		Check Point FW upgrade, Patches and hotfixes
35	Redundancy	Check Point FW Discuss advanced ClusterXL Functions
36		Check Point FW Describe VRRP network Redundancy
37		Check Point FW Describe VRRP network Redundancy
38		Check Point FW Describe VRRP network redundancy advantages
39		Enabling Check Point VRRP
40		Deploying a Secondary Security Management Server
41	Acceleration	SecureXL acceleration technology
42	SmartEvent	Identify the SmartEvent components that store network activity logs and identify events
43		Discuss the SmartEvent process that determines which network activities may lead to security issues
44	Smart Update	What is Smart Update?
45	SmartView Monitor	What is Smart Monitor?
46	Smart Provisioning	what is Smart provisioning?
47	Mobile and Remote Access	Managing Mobile Access
48		Discuss the Mobile Access Software Blace and how it secures communication and data
49		Understand Mobile Access deployment options.
50		Recognize Check Point Remote Access solutions
51	Threat Prevention	Reviewing Threat Prevention Settings and Protections
52		Understanding IPS Protections
53		Evaluating Threats with SmartEvent
54		Discuss diferent Check Point Solutions for attacks such as zero-day and Advanced Persistent Threats.
55		Understand how SandBlast, Threat Emulation, and Threat Extraction prevent security incidents

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No	Modules	Topics
56	Upgrade	Upgrade to from R77.30 to R80.10
57	Content Aware	DLP